SPECTROMETER

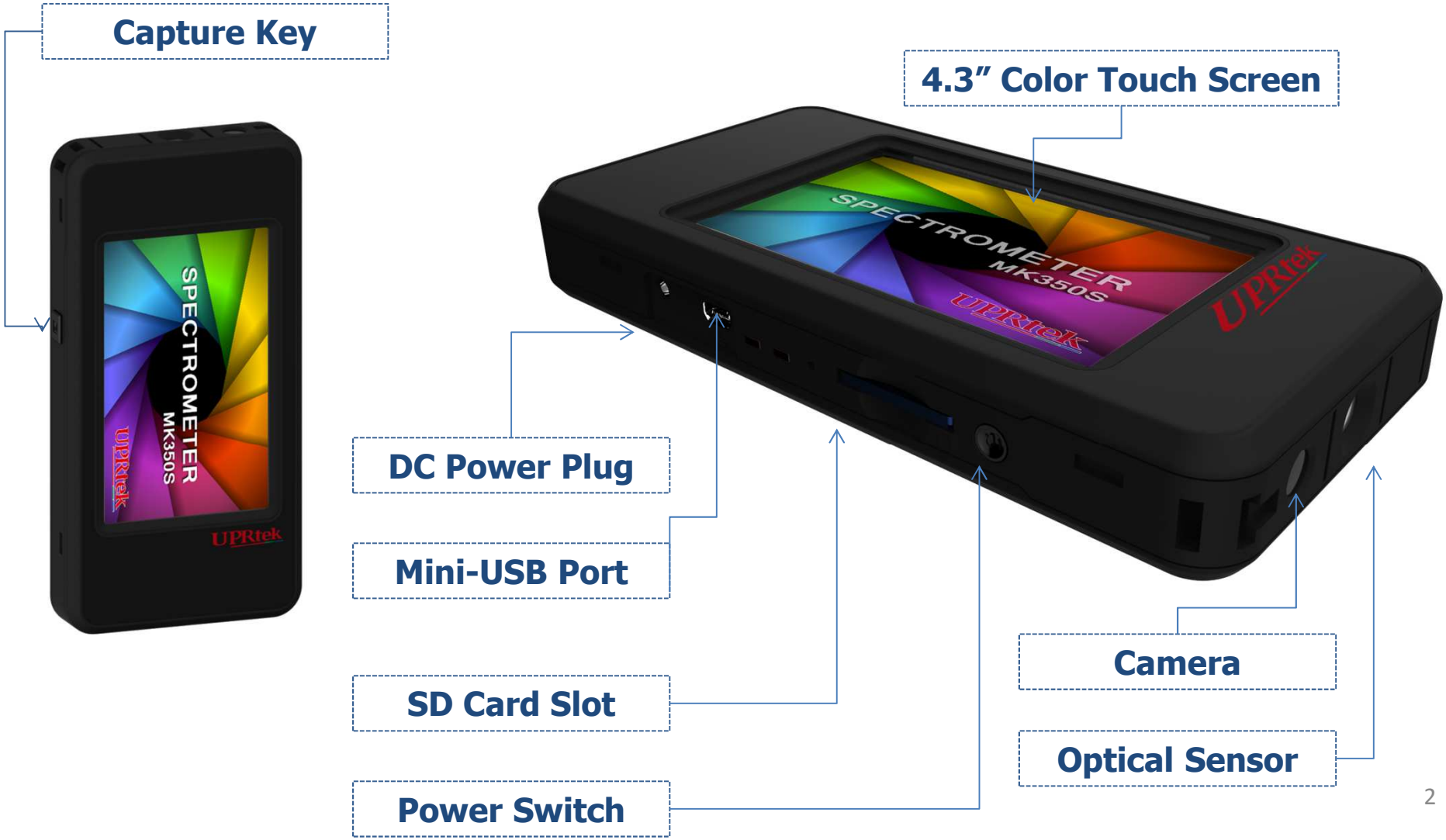
MK350S

UPRtek

United Power Research Technology Corporation

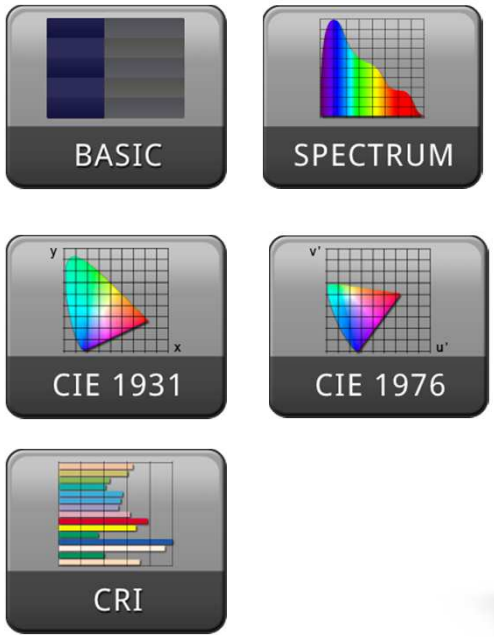
NEW MODEL

Outline of Measuring mode



Overall Guild line of MK350S Measuring mode

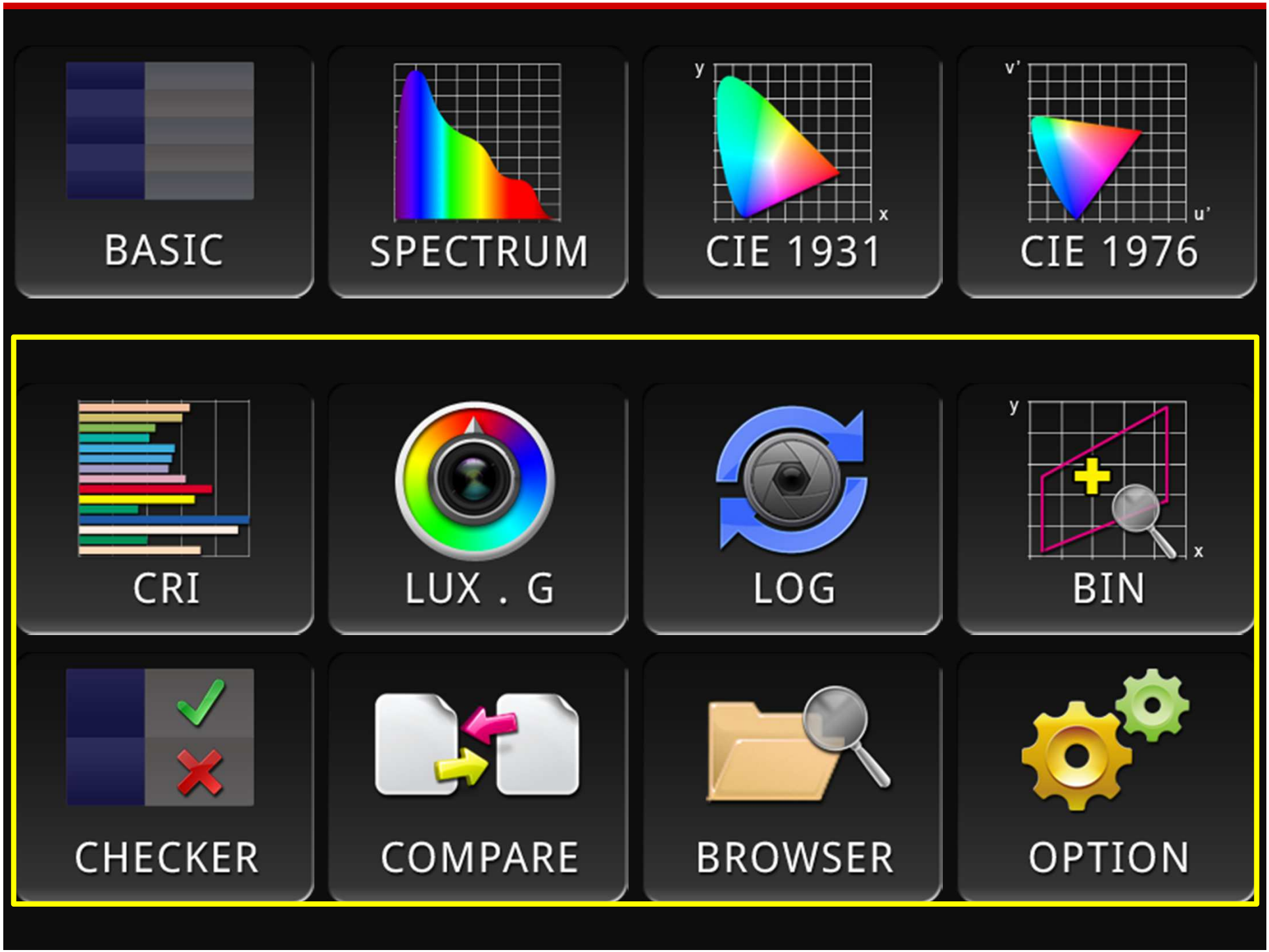
Old Family



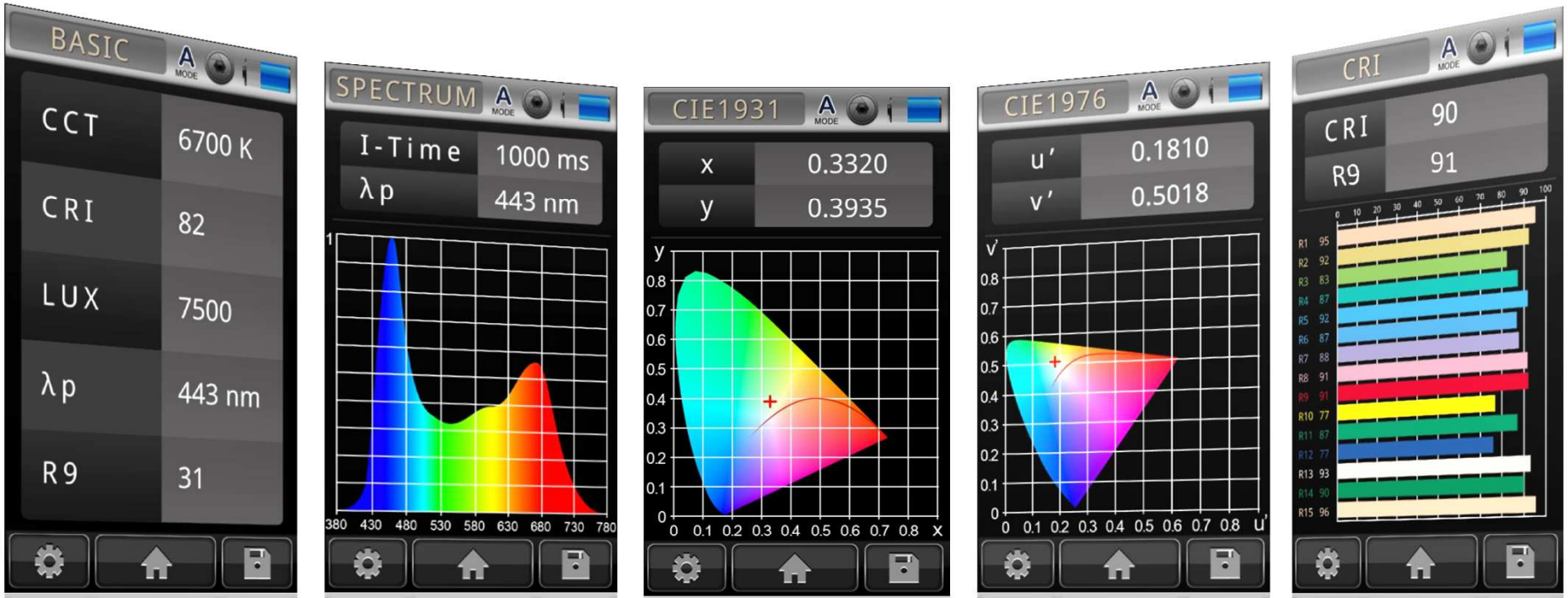
New Friends

PC S/W

- With more than 100% additional new measuring modes in MK350S


BASIC
SPECTRUM
y
x
CIE 1931
v'
u'
CIE 1976
CRI
LUX . G
LOG
y
x
BIN
CHECKER
COMPARE
BROWSER
OPTION

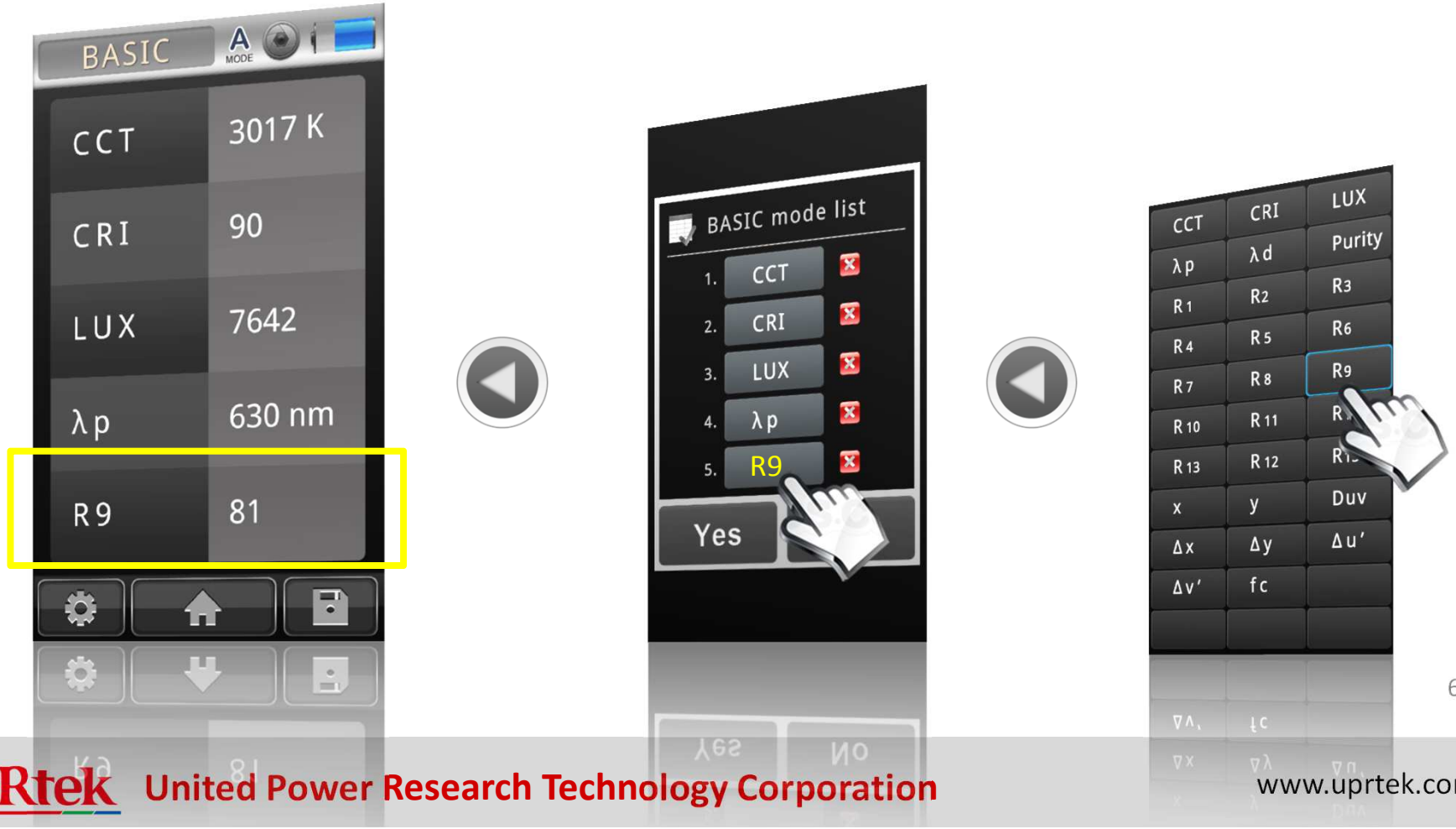
Main Measuring mode



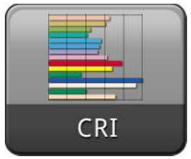
- Fulfill General Key value for Lighting Measurement & Lighting Quality Evaluation

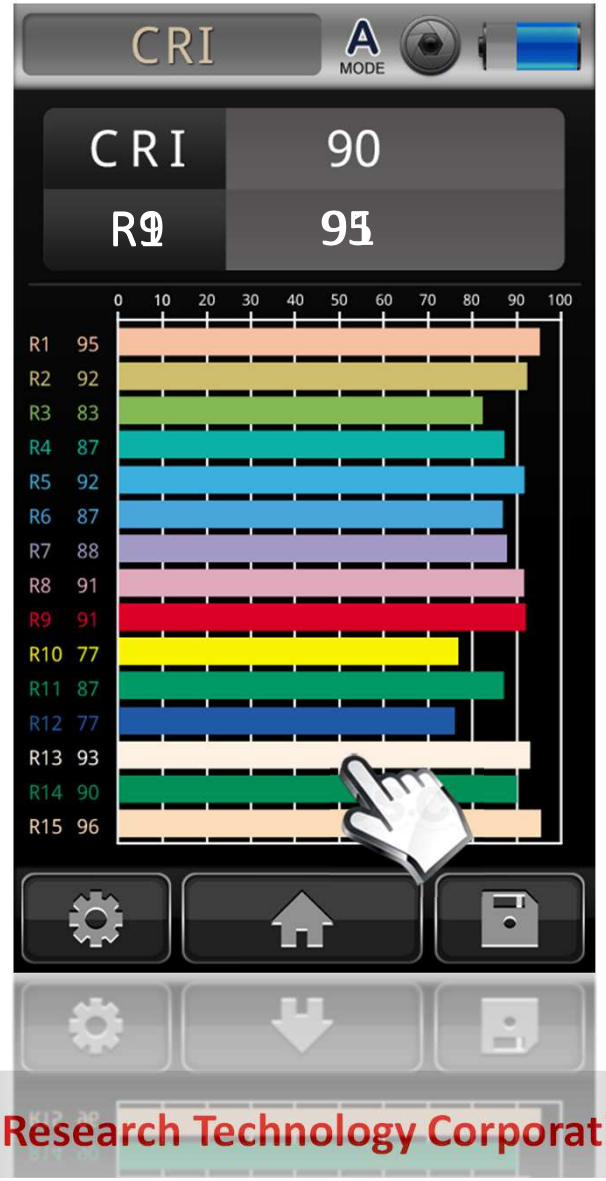
Customized Basic Mode Item

- Measuring item is optional
  Could be easily customized model from variety menu



Color Rendering Index

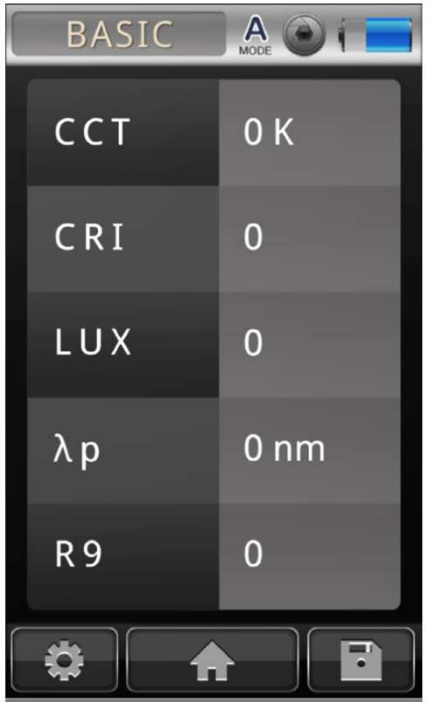




- Maximize value of CRI
- Ra (AVG of R1~R8)
  + Each individual value of R1~R15
- By touching display,
  present prefer value

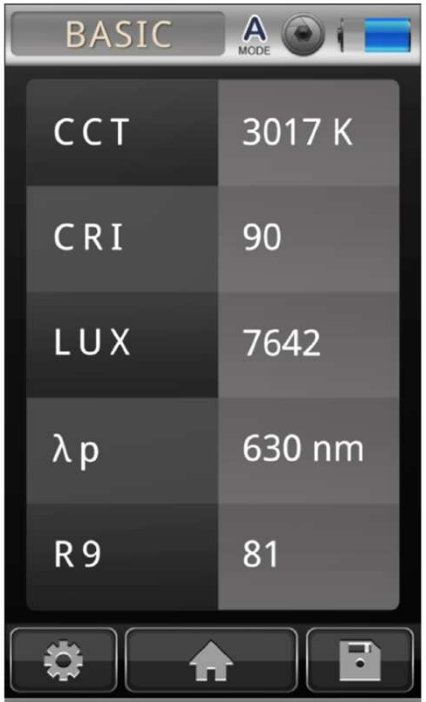
Point To Measure

Before Capture



Point

Get Value

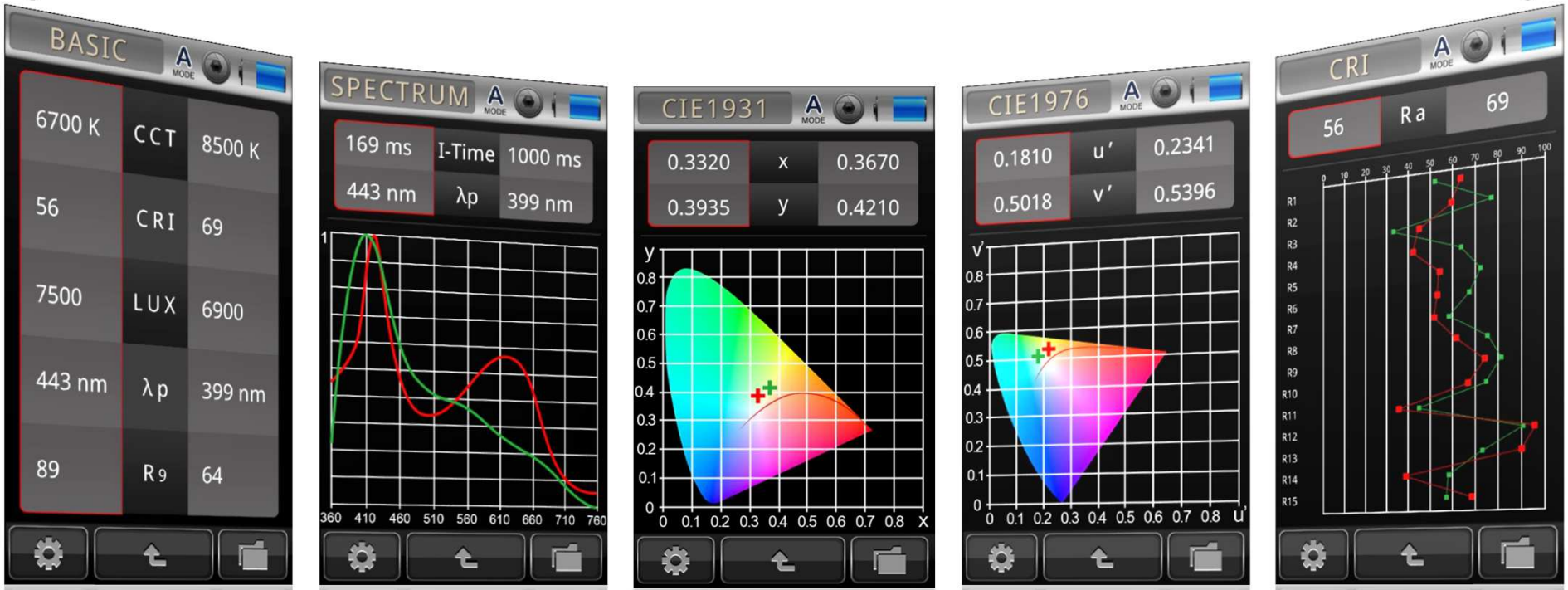


- Check environment or make sure to point to light source via camera before actual capturing
- Except of measurement value, photo of environment could be storage to help user to recall the measurement environment & condition

Browser - Free Data Read

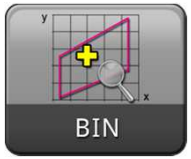
- Real-Time read storage data from Browser of MK350S device freely
- No need to check at PC/NB, let the data reading to be easier
- Stand-alone device is just like a library with rich measurement data base

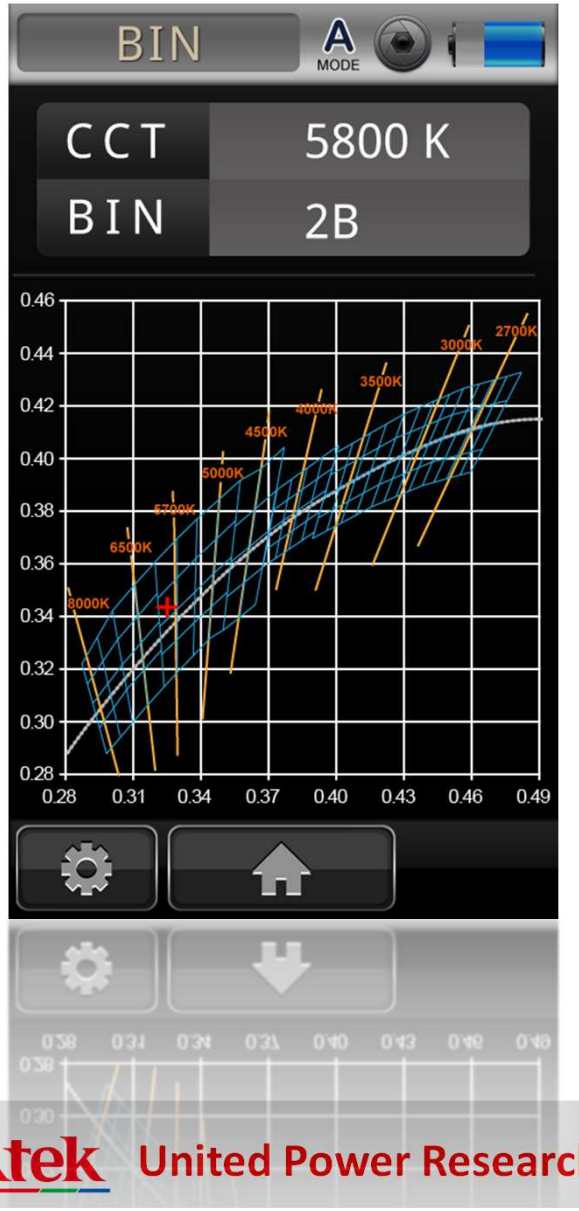
Compare – For Easier Various Analysis



- Compare 2 different measurement data at MK350S device
- Real-time to find out the gap between 2 alternated data easily
- Meaningful for sales promotion to come out an "A" & a "B" by MK350S

Check BIN

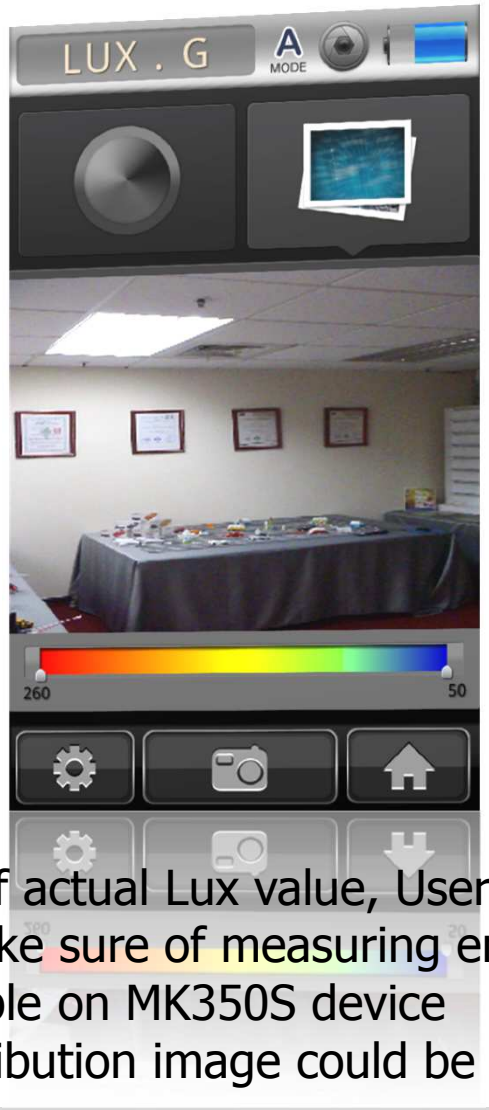


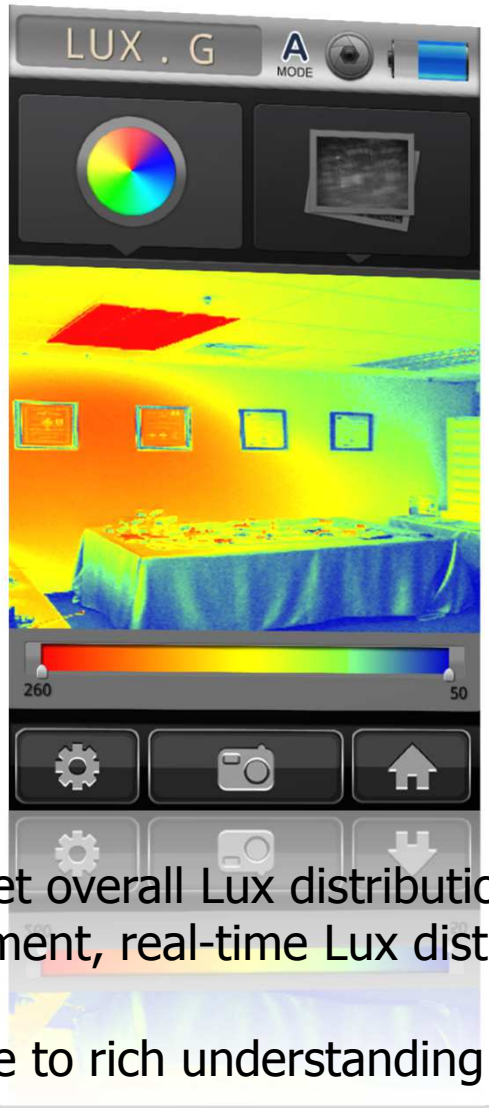


- Real-Time check BIN (Binary) of LED product
- Customized define for BIN range and specification of LED product for easier sorting,
  easier inspection via clear criterion of LED product

LUX Image - with whole Lux Distribution

Before Capture





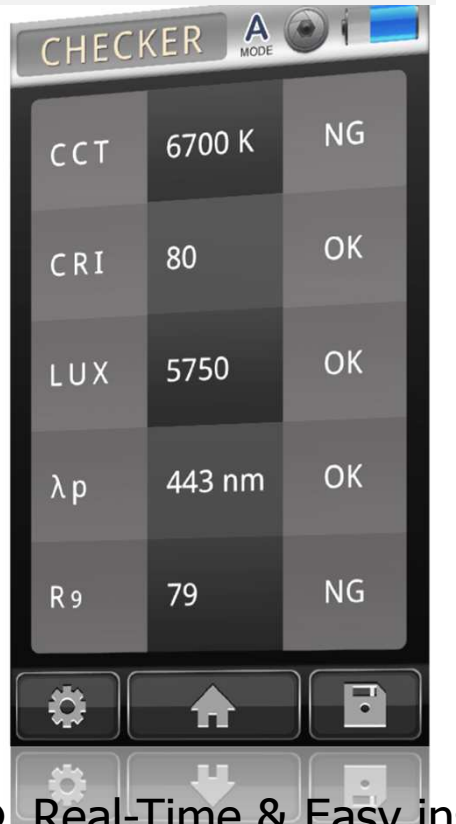
After Capture

- Red color shows the maximum of lux value
- Blue color shows the minimum of lux value

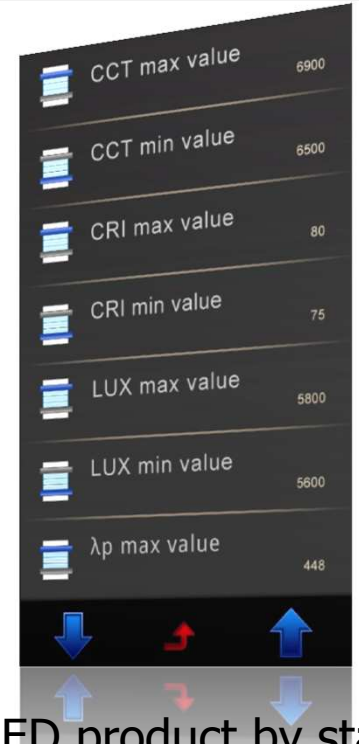
- Except of actual Lux value, User can get overall Lux distribution image
- After make sure of measuring environment, real-time Lux distribution image is available on MK350S device
- Lux distribution image could be storage to rich understanding about Lux

Checker – Real Time Inspection Value

Set inspection item



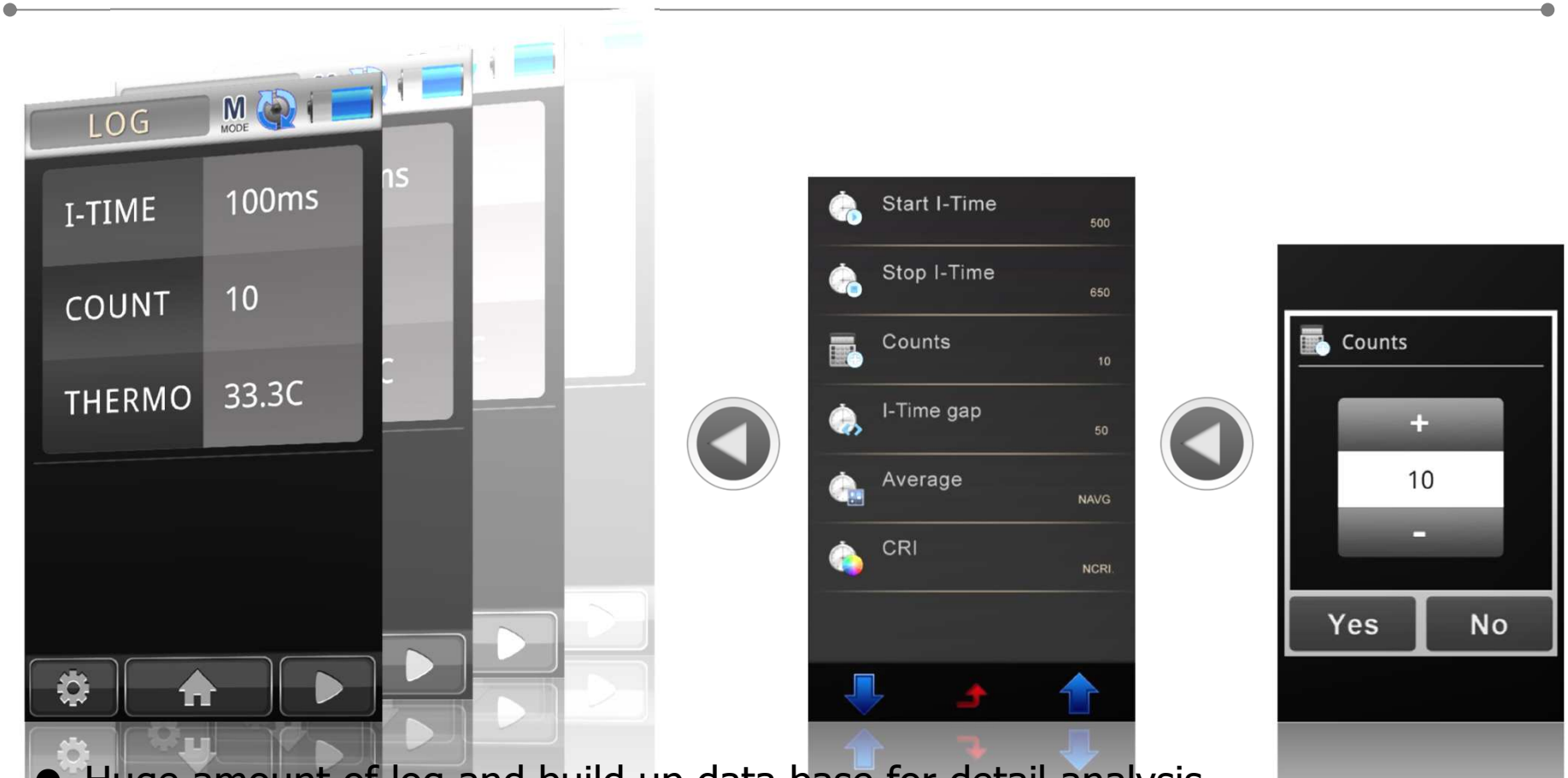
Define inspection spec



Set-up range

- Real-Time & Easy inspection of LED product by stand-alone MK350S device
- Customized inspection item from setting at Basic model ,
- Set-up original inspection specification by product needs
- [Select item at Basic mode] ➔ [Define each Spec] ➔ [Set-up detail range]

LOG – Enlarge figure via Continuous Capture Recording



- Huge amount of log and build up data base for detail analysis
- Customized condition for specified measuring value with continuous counts
- With statistic figures by various condition from huge & continuous counts, make analysis or countermeasure evaluation to be more meaningful

Standard Holder with Camera Tripod

360 ° measurement auxiliary base

- Fulfill 360° Measuring with infinity of possibility
  via Assembly MK350S device with UPRtek standard holder and general tripod
- With satisfied stable measurement, reducing any possibility of potential manual impact during measurement

Standard Software & Customized Software via Library

UPRtek Standard PC Software

uSpectrum Win

Customized PC Software

uSpectrum Lib

- With more detail measuring data, variety of application & analysis in PC
- UPRtek provides standard PC software – uSpectrum Win, with familiar interface to smooth analysis by going through user-friendly dialogue between PC & Software
- UPRtek also provides Customized PC Software – uSpectrum Lib, introducing interface for User to build its original Software via dll. (dll = Dynamic Link Library)

uSpectrum Applications – Connect to Smart Device

Support Android Smart device

Support iOS Smart device

- Except of operation in MK350S device or PC side,
  Brand new application with MK350S and Smart device (Smart phone, Pad)
- Go easy with user-friendly operation interface by Application,
  operation in smart device trends to operation in PC with Software
- Remote controlling MK350S device via Application by Smart device
- Support Both of iOS smart device (iPhone, iPad, iPod touch,etc)
  & Android smart device (Smartphone, Tablet, PhonePad,etc)

UPRtek

LED Lighting Expert

MK-350S LED Meter

UPRtek